

DRIVING SYSTEMS



TRANSPORT SYSTEMS



FREETIME



GOING



RENT



TRAVEL

EXPLORE

LIVE

THE COMPANY

Carrozzeria 71 started out as a body shop for industrial vehicle outfitting. Throughout its history, thanks to the friendship of the founder with a disabled person, the company has gradually turned to research and development of products and equipment, able to meet the needs of people with reduced or impaired physical mobility. At the end of the 80s, it started manufacturing and marketing innovative products and equipment for driving and transport, including them in a dedicated marketing and distribution range and creating the Handytech brand. In 2001 Carrozzeria 71 s.r.l. was founded, combining the research, design, manufacturing, distribution, technical support and marketing sectors through the Handytech brand.

Carrozzeria 71 s.r.l. currently manufactures devices and accessories for driving and transport, by outfitting cars, small vans, vehicles for public transport and leisure such as motorcycles, quads and campers. Carrozzeria 71 s.r.l.'s catalogue also includes several exclusive products that are the result of international collaborations. Its distribution capacity covers the entire country thanks to a network of Authorised Centres and its products are marketed in various European and non-European countries.

The distinctive feature of Carrozzeria 71 s.r.l. and its network of Authorised Centres is to provide a series of complementary services, such as the Handytechrent Project, created in 2006, for the rental of outfitted vehicles.

In 2016 the HVR Project was created with the aim of specialising some Authorised Centres in the outfitting and marketing of low-floor vehicles.

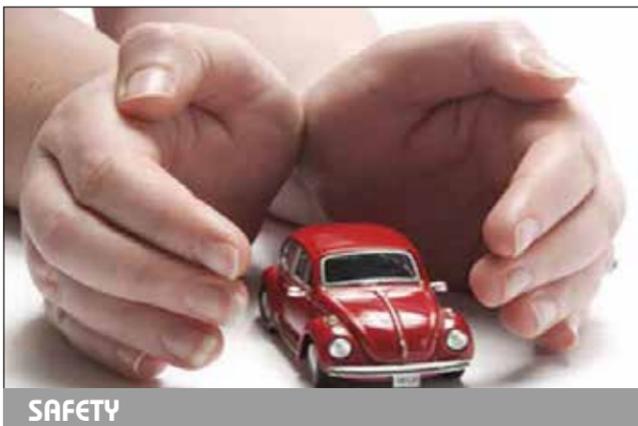
There are several company projects for the future, always faithful to the thought of its:

"...We like to think that what has been done up until now is just the beginning... we believe that the stimuli and the enthusiasm that our customers transmit to us every day can be the starting point for new challenges."

R. Nosenzo



ADVICE



SAFETY



CUSTOMISED FINANCING



QUALITY

Member of:



Approved by:



Production process certified by:



Certified company:



INNOVATION



SUPPORT



MAINTENANCE

DRIVING SYSTEMS



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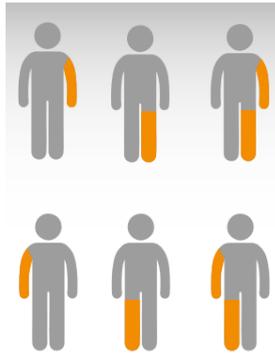
PARAPLEGIA

Five different devices enable the driver to accelerate gradually, reproducing at best the functionality of the original control, including the kick down function, while preserving the cruise control operation and keeping the vehicle's safety features unchanged. You can choose the traditional wheel above the Speed Up electronic steering wheel or the latest wheel underneath the Speed Down steering wheel, or opt for the opposing electronic E Levers or mechanical M Levers, both a valid alternative for those who want to keep the steering wheel as it was originally. For those who want an innovative product, the choice falls on the manual Touch electronic accelerator, a device able to ensure a new driving experience and minimise the aesthetic impact.



HEMIPLEGIA AND AMPUTATIONS

There are several solutions to meet the needs of drivers with mobility difficulties in the upper and/or lower limbs. There are two infrared control units that reproduce the main controls placed near the steering wheel, one fixed and one removable, both equipped with ergonomic handle and long battery life. There are also two accelerator solutions to the left can be combined with the automatic transmission as standard: the traditional removable mechanical system or the innovative electronic device, which can be disabled electronically and removed by means of a bayonet coupling. An alternative to the automatic transmission is the electronic servo-clutch, which can be programmed to best suit every driving need.





PARAPLEGIA

In conjunction with the acceleration devices, you can use the well-known horizontal brake or choose the more functional vertical Push control, which preserves the steering wheel settings and the vehicle's safety features. The design of the device and the various finishing options enable it to be integrated into modern car interiors.

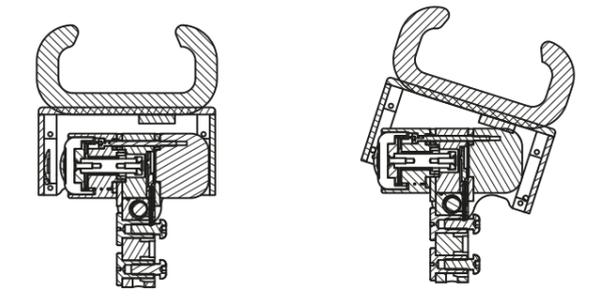
A driving alternative for drivers with mobility difficulties in the lower limbs is the use of the single lever, which manages the braking and acceleration operations with a single device.

Based on the Push device, two types of single levers have been developed: the fully mechanical Speed & Brake and the Speed & Brake E with electronic cursor accelerator. A third single lever combines acceleration with the braking system, by means of a mechanical rotary control.



TETRAPLEGIA and PROGRESSIVE DISEASES

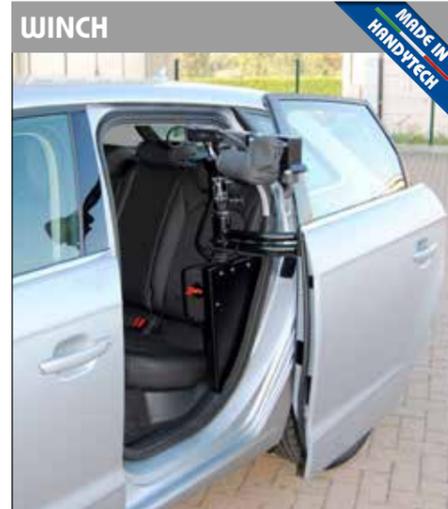
The driver can choose different types of steering wheel handgrips, ensuring a safe grip and effective steering, along with mechanical acceleration and braking devices or more performing electronic ones, all adaptable to different needs to make the most of one's own motor skills. The auxiliary controls (such as direction indicators, headlights, horns, windscreen wipers and other functions) are activated by means of multi-function buttons, applied to the driver's seat in positions such as headrests, door panel, armrest and acceleration and braking device activation handgrip. The range also includes devices for the automatic activation of the parking brake and the automatic transmission control lever.





TRANSFER AND WHEELCHAIR LOADING

The transfer from the wheelchair to the driver's seat is facilitated by the fold-down and vertically collapsible flap or by the verticaliser with fold-down flap and electrified vertical movement. Folding wheelchairs can be put into the vehicle thanks to the device that makes the left rear door swing and slide, and to the electric and removable winch that lifts the wheelchair. The wheelchair loading Robot, combined with the swinging-sliding door, makes it even easier to lift and to put the wheelchair inside the vehicle.



DRIVING WITH A WHEELCHAIR

The Impulse equipment on a Peugeot Partner (small vehicle) allows you to place yourself with your wheelchair both in the driver's seat and in the passenger seat, anchoring it with an automatic locking system. The automatic boot and access ramp opening function and the rear suspension lowering function ensure easy access to the large internal area, even with large electronic wheelchairs. The second row seats that fold against the wall can carry up to 4 people while still having a large boot.



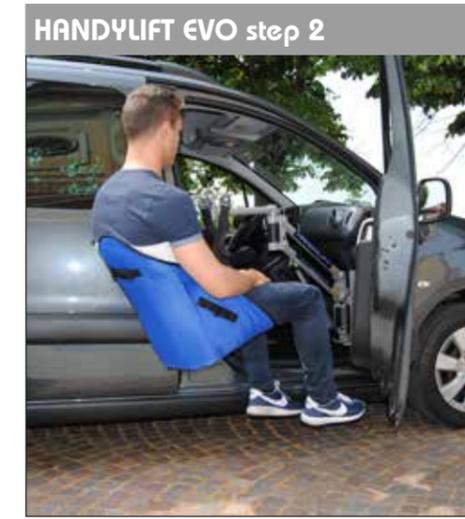
INDEPENDENT DRIVING

Driving a medium-sized vehicle independently is possible with the electrification of the right side door and the installation of the Help V side lifter, a compact and lightweight device. The remote control that activates the side door and the lifter also activates the six-movement seat, which facilitates transfer from the wheelchair and positioning in the driver's seat. The different installable driving devices meet various requirements and allow the vehicle to be driven comfortably and safely.





Transfer TRANSPORT



TRANSFER ON BOARD VEHICLES

The transfer from the wheelchair to the vehicle seat is possible, depending on the different needs, by means of a simple flap or a mechanical swivelling plate and, for higher vehicles, with a swivelling plate with electric descent.

Both plates can be fitted either with the original seat or a more comfortable ergonomic seat.

The most innovative solution is the Handylift Evo hoist, which ensures easier transfer to any type of vehicle even for the most complex conditions and, thanks to its accessories such as detachable cart and wall mounting, It also can be used at home.

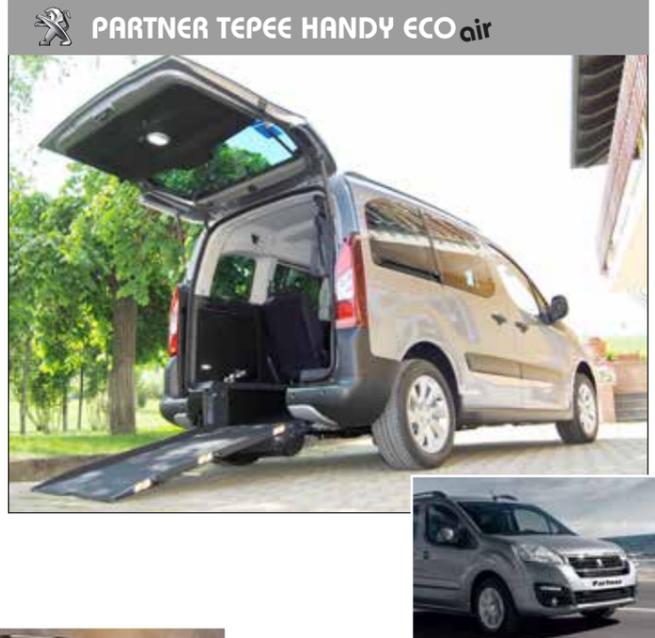


BOOT LIFTS

Loading the manual or electronic wheelchair into the boot of a vehicle is not a problem, using winches with electric lifting function and manual or electric rotation. These devices, which can be fully adjusted and removed from the vehicle when not in use, enable to lift from a minimum of 40 kg to a maximum of 150 KG easily and safely.

On vehicles with particularly large loading compartments, it is possible to install the hybrid lifter that, thanks to its platform, ensures automatic lifting and insertion of the wheelchair.





KANGOO € GRAND KANGOO HANDY ECO air

WHEELCHAIR TRANSPORT

The vehicles of various car brands can be fitted with a lowered floor integrated in the rear part and suitable to accommodate a wheelchair and its passenger, while still having, depending on the vehicle and the equipment, from 3 to 5 comfortable seats. The large loading compartment is accessed via a fold-down servo-assisted ramp, which can be collapsible on request. The inclination of the lowered floor increases comfort and promotes interaction during the journey. Safety on board is ensured by the standard vehicle equipment and by the wheelchair and passenger restraint systems, which comply with the ISO 10542 standards. An alternative to low-floor vehicles is the more traditional Fiat Doblò with a high roof, also available in the XL version, which can be equipped with an electro-hydraulic lifter or fold-down aluminium ramp and, in both cases, with a wheelchair restraint system applied to the aluminium floor that can be sanitised. Thanks to the various optional extras and customisations, these types of vehicles and equipment are able to meet the needs of individuals, associations, renters and taxi drivers. The equipment is approved by car manufacturers.



BERLINGO MULTISPACE HANDY ECO air



DOBLÒ AND DOBLÒ MAXI LATERAL



CADDY MAXI HANDY ECO air



DOBLÒ XL high roof extra



DOBLÒ high roof light

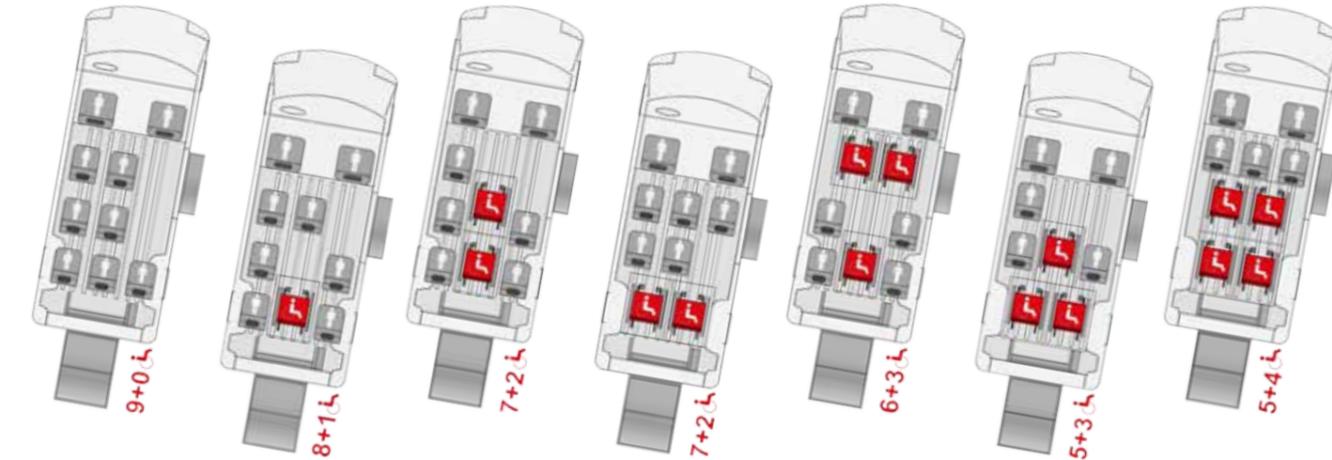
Zero EMISSION



Collective TRANSPORT

COLLECTIVE TRANSPORT

The set-ups carried out on large vehicles ensure a variety of solutions, ranging from nine seats to the transport of four wheelchairs. The use of modular platforms facilitates the wheelchair anchoring operations and enables to reposition, as required, the seats equipped with quick release function and certified according to the regulations in force. The passenger and wheelchair are loaded by means of a generously sized electrohydraulic dual-arm lifter or with a servo-assisted manual ramp. Pedestrian access is facilitated with an automatic mechanical or electric running board. The passenger and wheelchair restraint systems comply with ISO 10542 and the equipment is approved by car manufacturers.



DUAL-ARM LIFT



RETRACTABLE RUNNING BOARD



QUICK RELEASE SEAT



MODULAR PLATFORM



MODULAR PLATFORM



Wheelchair TRANSPORT

LIFTS AND RAMPS

The passenger and wheelchair can be loaded into a sufficiently large vehicle by means of a ramp or a lift. The Help V electric side lift, a lightweight device, is the ideal solution to equip small vans set-up for independent driving. The cheapest solution is the servo-assisted and fold-down aluminium ramp, which can be removed when not in use. A valid solution for private users is the electrohydraulic single-arm lifter equipped with a rotary system that facilitates the wheelchair anchoring operations. The electrohydraulic two-arms lift, available in different sizes, is the most suitable solution for heavy-duty use on medium and large vehicles.

Electric HELP V SIDE LIFT



RAMP with folding closure



SINGLE-ARM LIFT



TWO-ARMS LIFT





SERVO-ASSISTED GEAR SYSTEM on bar

MOTORCYCLES, THREE-WHEELED MOTORCYCLES AND QUAD BIKES

In order not to give up your passions and enjoy your leisure time, you can equip your motorcycle with solutions such as servo-assisted gear system, rear thumb-operated brake and servo-assisted clutch. Your three-wheeled motorcycle or quad bike can be fitted with an integral handlebar brake and, as an alternative to the standard automatic transmission, you can opt for a servo-assisted gear system. Quad bikes equipped with steering wheel and automatic transmission (better known as side by side) can be fitted with mechanical accelerators and brakes or with single levers that integrate both functions. The latest generation models are fitted with the manual Touch electronic accelerator, in conjunction with the mechanical brake. There are many solutions and customisations available according to the user's needs and vehicle characteristics. All devices are approved and can be tested as required by the regulations in force.



REAR THUMB-OPERATED BRAKE



SERVO-ASSISTED CLUTCH



INTEGRAL HANDLEBAR BRAKE

MADE IN HANDYTECH



INTEGRAL HANDLEBAR BRAKE

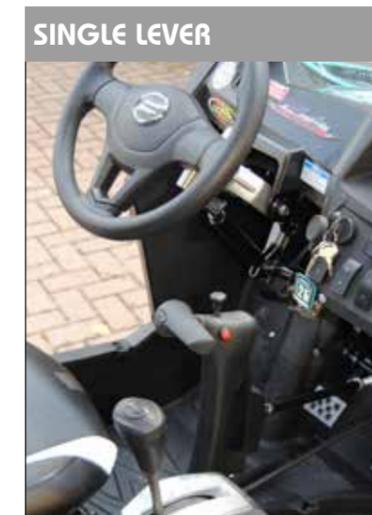
MADE IN HANDYTECH



SERVO-ASSISTED GEAR SYSTEM under bar



INTEGRAL BRAKE AND SERVO-ASSISTED GEAR SYSTEM



SINGLE LEVER

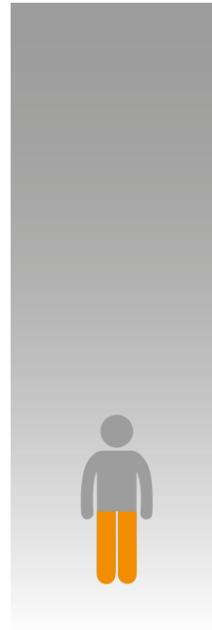


BRAKE AND ACCELERATOR

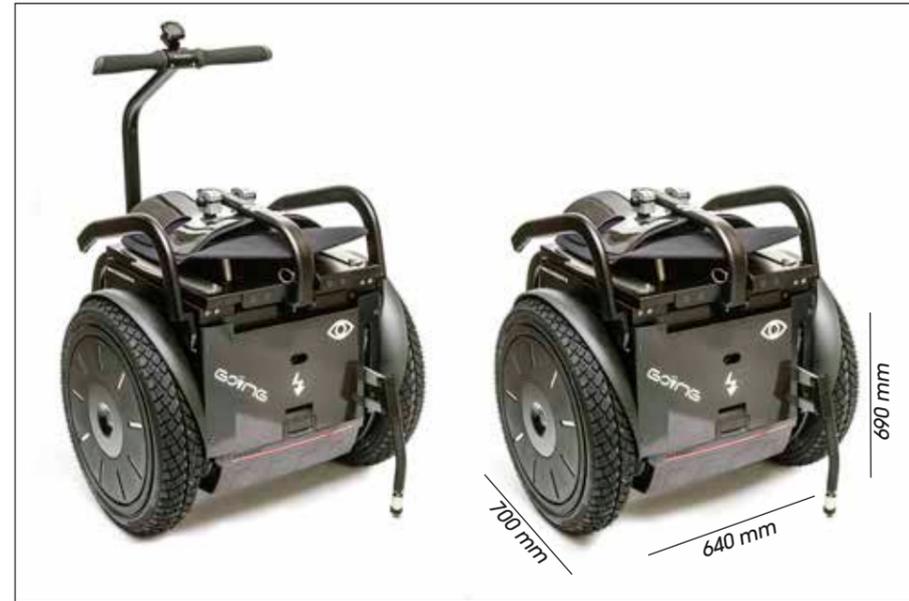




GOING EVO



Going is the meeting point between self-balancing technology and the sophisticated mechanical controls of the GO seat module, created thanks to Handytech's twenty years of experience. This synergy has given rise to a revolutionary means of transport, whose the objective is to ensure freedom of movement in places which were unreachable until now, on any type of terrain, in any climatic situation, for several Km and even at night thanks to its lighting system . The customisation and adjustment possibilities, as well as the various optional extras, such as different types of tyres and backrests, make Going adaptable to every need. Its compact size enable it to be loaded by means of a lifting winch and special anchors, allowing it to be transported easily on the vehicle.





Handytech rent, the first real European fleet of cars multi-adapted with driving devices, was created in 2006. Today the fleet also includes vehicles equipped for wheelchair transport.



You can rent one of our multi-adapted cars at Authorised Centres with the  icon

HEMIPLEGIA/AMPUTATIONS PARAPLEGIA

- Manual accelerator.
- Vertical brake.
- Rh or Lh steering wheel control unit.
- Inverted left hand accelerator.
- Driving school dual controls.



TETRAPLEGIA PROGRESSIVE DISEASES

- Electronic accelerator and brake or single-lever accelerator and brake.
- Rh or Lh steering wheel handgrips.
- Auxiliary controls.
- Electric parking brake.
- Driving school dual controls.

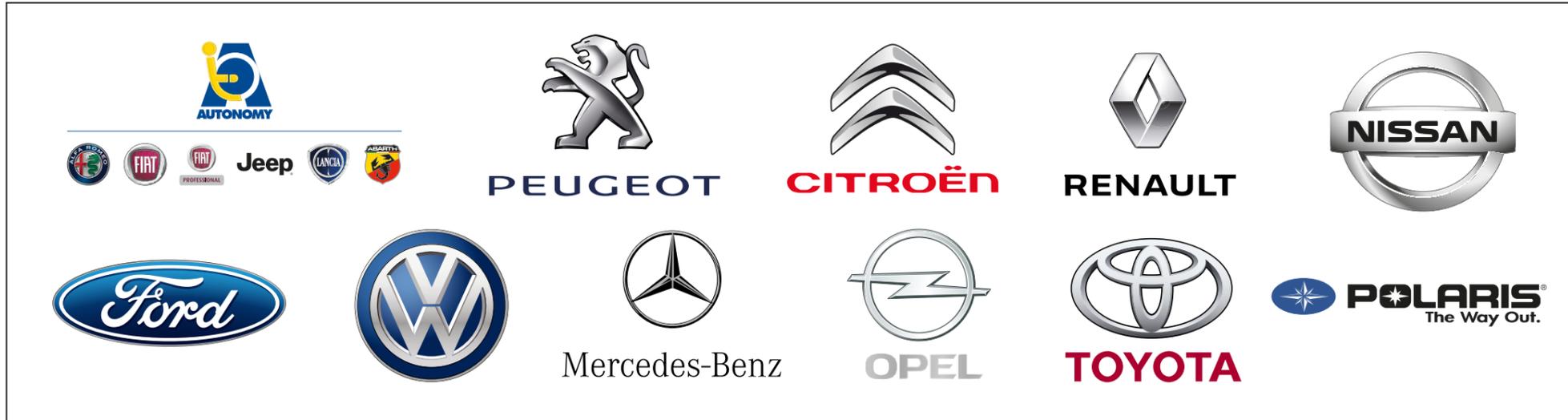


WHEELCHAIR TRANSPORT

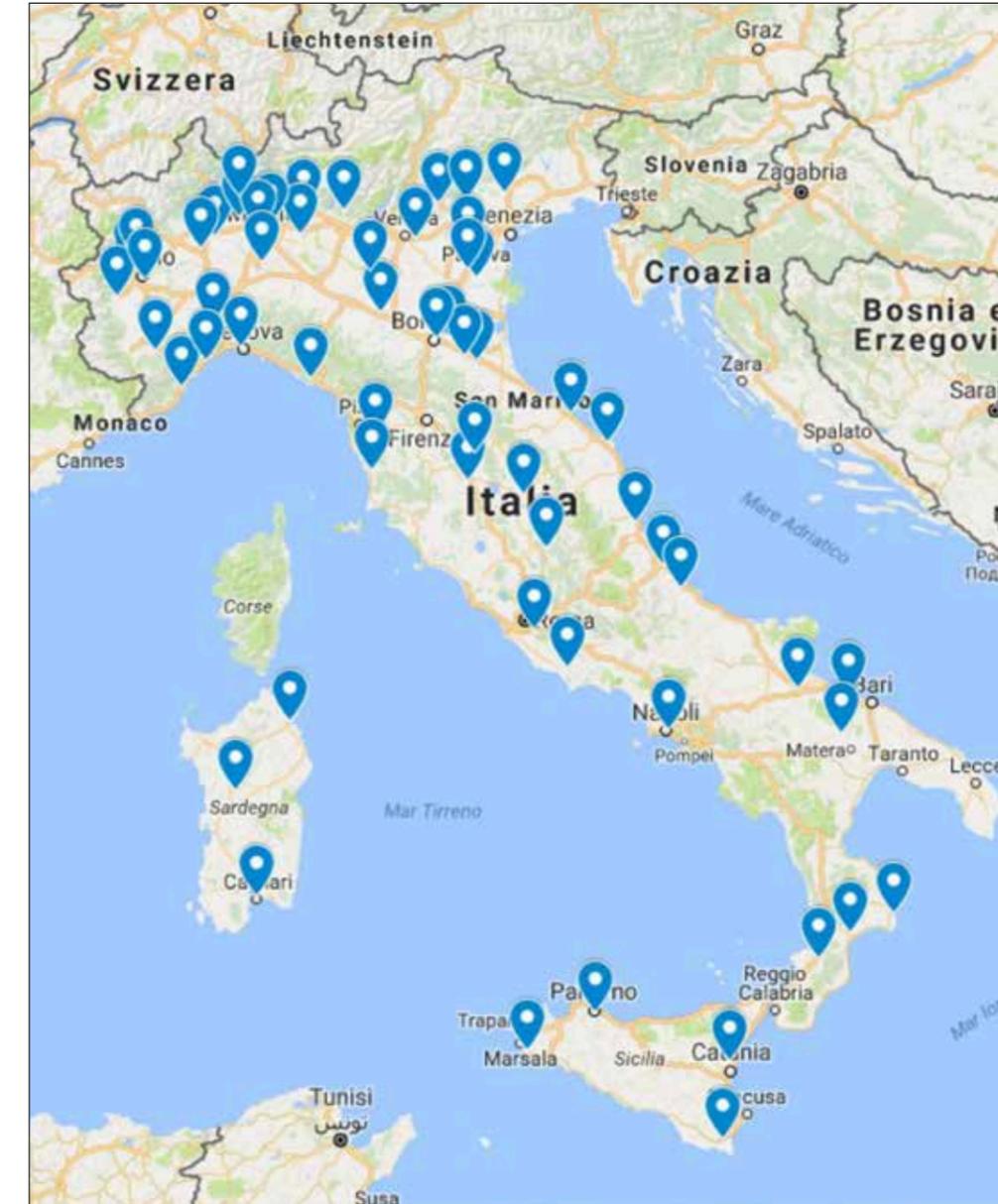
- Low-floor vehicles.
- Vehicles with lifter.



OUR MAIN PARTNERSHIPS



AUTHORISED CENTRES IN ITALY



DISTRIBUTION, INSTALLATION AND AFTER-SALES SUPPORT

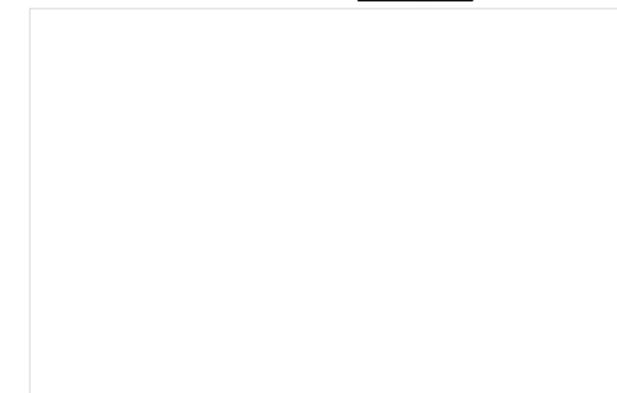
Visit the www.handytech.it website to view the network of Authorised Centres that ensure distribution, installation and support throughout the country. Continuous training enables the Authorised Centres to offer customers adequate sales and technical support. The icons  and  enable to identify, respectively, the Authorised Centres equipped with set-up rental vehicles and those specialised in the outfitting and sale of low-floor vehicles.



THE TEAM

The time dedicated to listening to the needs of our customers has made us a close-knit team, combining experience and innovation, whose sole objective is customer satisfaction and the continuous search for new solutions. The synergy between the sales, technical and manufacturing departments is aimed at obtaining a quality, reliable and safe product, as well as ensuring adequate purchasing advice and prompt after-sales support.

Authorised Centre 





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